CITY OF LONG BEACH

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Annual Drinking Water Quality Report
For the year 2006
Water Treatment Plant

We're pleased to present to you this Annual Quality report. This report is designed to inform you about the quality of water we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. We are pleased to report that our drinking water is safe and meets federal and state requirements.

Our water source's Dohman and Main impoundment reservoirs are spring and run-off fed, with the use of Mattix Creek sump for emergency refill of the Main impoundment. The water is pumped to the treatment facility were it is treated with chlorine to oxidize iron and manganese and then injected with several types of polymers or alum to start the flocculation coagulation process. It then flows into the sedimentation basins and finally into the filters. It is then pumped into storage tanks where it is disinfected with chlorine to provide protection against bacteria before distribution.

We want our valued customers to be informed about their water utility. If you have any questions about this report or concerning your water utility, please contact Rick Gray at (360) 642-3163.

The City of Long Beach routinely monitors for contaminates in your drinking water according to Federal and State laws. This table shows the results of our monitoring for the period of January 1st to December 31st, 2006. All drinking water, including bottled water, may be reasonably expected to contain at least small amounts of some contaminates. It's important to remember that the presence of these contaminates does not necessarily pose a health risk.

We're proud that your drinking water meets or exceeds all Federal and State requirements. We've learned through our monitoring and testing that some contaminates have been detected. The EPA has determined that your water **IS SAFE** at these levels.

All sources of drinking water are subject to potential contamination by contaminates that are naturally occurring or are man made. Those contaminates can be microbes, organic or inorganic chemicals or radioactive materials. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immune-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

We at the City of Long Beach work around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future. Please call our office if you have questions at 360-642-3163.

Rick Gray and Jake Binion – Water Treatment Plant Operators.

TEST RESULTS

Contaminant	Violation Y/N	Level Detected	Unit Measurement	MCLG	Maximum Contamination Level	Likely Source of Contamination
Total Coli form Bacteria	N	0	Presence/ Absence	0	No more than 5% of samples may be Coli form-positive	Naturally present in the environment
Fecal Coli form and Ecoli	N	0	Presence/ Absence	0	0	Human and animal fecal waste
Turbidity	N	Nothing above .24 with limit being .30	NTU	N/A	.30ntu	Soil runoff
Asbestos	N	.098	MFL	0	7	Decay of asbestos cement water Mains
Copper	N	.2	PPM	1.3	AL=1.3ppm	Corrosion of household plumbing systems; erosion of natural deposits
Lead	N	.002	PPM	0	AL=15ppm	Corrosion of household plumbing systems; erosion of natural deposits
TTHM's	N	80.0	Ug/l	0	80 ug/l	By-Product of drinking water chlorination
HAA5	N	57.8	Ug/l	0	60 ug/l	By-Product of drinking water chlorination

Total Coli form – Coli forms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful, bacteria may be present. Coli forms were found in more samples than allowed and is a warning of potential problems.

Fecal coli form/E.Coli – Fecal coli forms and E.coli are bacteria whose presence indicates that the water may be contaminated with human or animal wastes. Microbes in these wastes can cause short-term effects, such as diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, and people with severely compromised immune systems

Turbidity – Has no health effects. However, turbidity can interfere with disaffection and provide a medium for microbial growth. Turbidity may indicate the presence of disease-causing organisms. These organisms include bacteria, viruses, and parasites that can cause symptoms such as nausea, cramps, diarrhea and associated headaches.

Asbestos – Some people who drink water-containing asbestos in excess of the MCL over many years may have an increased risk of developing benign intestinal polyps.

Copper – Copper is an essential nutrient, but some people that water containing copper well excess of the Action Level over a relatively short amount of time could experience gastrointestinal distress. Some people who drink water-containing copper in excess of the action level over many years could suffer liver and kidney damage. People with Wilson Disease should consult their personal doctor regarding the levels reported.

Lead – Infants and children who drink water-containing lead in excess of the Action Level could experience delays in their physical or mental development. Children could show slight deficits in attention span and learning abilities. Adults who drink water with lead in excess of the Action Level over many years could develop Kidney problems or high blood pressure.

TTHMs (Total Trihalomethanes).By products of chlorination. Some people who drink water-containing trihalomethanes in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous systems, and may have an increased risk of getting cancer.

HAA5 (Haloactic Acids) by products of chlorination.

Arsenic – Our records indicate that testing has revealed that there is no detectable trace of any arsenic in our drinking water at this time.

MCL's are set at very stringent levels. To understand the possible health effects described for many regulated contaminates, a person would have to drink 2 liters of water every day at the MCL level for a lifetime to have a one-in-a-million chance of having the described health effects.